

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0651-0031

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**TRANSMITTAL
FORM**

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/637,175
	Filing Date	08/08/2003
	First Named Inventor	Kent
	Art Unit	3672
	Examiner Name	
Total Number of Pages in This Submission	4 + IDS Refs.	Attorney Docket Number FMCE-P035A

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please Identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Henry C. Query, Jr.		
Signature			
Date	01/07/2004		

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Henry C. Query, Jr.		
Signature		Date	01/07/2004

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In the United States Patent and Trademark Office

Application No.: 10/637,175)
Filing Date: 08/08/2003) Group Art Unit: 3672
First Named Inventor: Kent) Examiner Name:
Attorney Docket No.: FMCE-P035A)

Henry C. Query, Jr.
504 S. Pierce Avenue
Wheaton, Illinois 60187

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Information Disclosure Statement

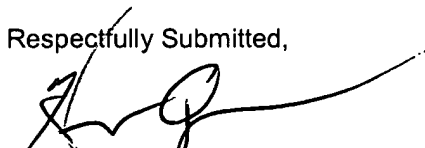
In accordance with 37 CFR 1.97 and 1.98, enclosed are a form PTO 1449 and a copy of each of the references listed thereon (except those references which were previously submitted in parent U.S. Patent Application No. 09/815,430).

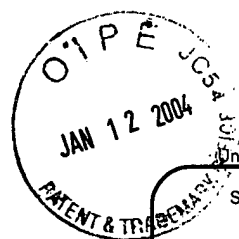
- ☒ Pursuant to 37 CFR 1.97(b), this Information Disclosure Statement is being filed:
- ☐ within three months of the filing date of the above-referenced application; or
 - ☐ within three months of the date of entry of the national stage as set forth in 37 CFR 1.491; or
 - ☒ before the mailing of a first Office Action on the merits; or
 - ☐ before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.
- ☐ Pursuant to 37 CFR 1.97 (c), this Information Disclosure Statement is being filed before the mailing date of a final action under 37 CFR 1.113, a notice of allowance under 37 CFR 1.311 or an action that otherwise closes prosecution in the application, and:
- ☐ the fee set forth in 37 CFR 1.17(p) is enclosed herewith; or
 - ☐ one of the statements in the Certification below applies.
- ☐ Pursuant to 37 CFR 1.97 (d), this Information Disclosure Statement is being filed before the payment of the issue fee in this application and:
- ☐ the fee set forth in 37 CFR 1.17(p) is enclosed herewith; and
 - ☐ one of the statements in the Certification below applies.

Certification

- ☐ The undersigned certifies that each item of information contained herein was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the date hereof.
- ☐ The undersigned certifies that no item of information contained herein was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained herein was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the date hereof.

Respectfully Submitted,


Henry C. Query, Jr.
Reg. No. 35,650
(630) 260-8093



PTO/SB/08A (02-03)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/637,175
Filing Date	08/08/2003
First Named Inventor	Kent
Art Unit	3672
Examiner Name	
Attorney Docket Number	FMCE-P035A

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2003/0089501 A1	05/15/2003	Hartmann	
		US- 6,082,460	07/04/2000	June	
		US- 6,039,119	03/21/2000	Hopper et al.	
		US- 5,992,527	11/30/1999	Garnham et al.	
		US- 5,971,077	10/26/1999	Lilley	
		US- 5,544,707	08/13/1996	Hopper et al.	
		US- 5,503,230	04/02/1996	Osborne et al.	
		US- 5,143,158	09/01/1992	Watkins et al.	
		US- 4,958,686	09/25/1990	Putch	
		US- 4,848,457	07/18/1989	Lilley	
		US- 4,651,831	03/24/1987	Baugh	
		US- 4,405,016	09/20/1983	Best	
		US- 6,053,252	04/25/2000	Edwards	
		US- 5,992,526	11/30/1999	Cunningham et al.	
		US- 2002/0000322 A1	01/03/2002	Bartlett et al.	
		US- 2002/0011336 A1	01/31/2002	Baskett et al.	
		US- 6,152,230	11/28/2000	Edwards et al.	
		US- 6,227,301 B1	05/08/2001	Edwards et al.	
		US- 6,076,605	06/20/2000	Lilley et al.	

FOREIGN PATENT DOCUMENTS

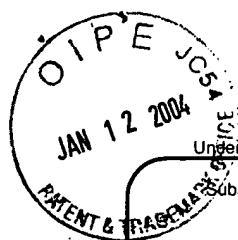
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		WO 01/55550 A1	08/02/2001	Kvaerner Oilfield		
		WO 00/47864 A1	08/17/2000	FMC Corp.		
		WO 99/18329 A1	04/15/1999	FMC Corp.		
		WO 97/04211 A1	02/06/1997	Expro North Sea Ltd.		
		EP 0 845 577 A1	06/03/1998	Cooper Cameron		
		GB 2 321 658 A	08/05/1998	ABB Vetco Gray		

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		Number-Kind Code ² (if known)			
		US- 6,050,339	04/18/2000	Milberger	
		US- 2001/0042618 A1	11/22/2001	Cunningham et al.	
		US- 2001/0011593 A1	08/09/2001	Wilkins	
		US- 6,015,013	01/18/2000	Edwards et al.	
		US- 3,207,221	09/21/1995	Cochran et al.	
		US- 3,409,084	11/05/1968	Lawson, Jr. et al.	
		US- 6,302,212 B1	10/16/2001	Nobileau	
		US- 6,227,300	05/08/2001	Cunningham et al.	
		US- 4,461,354	07/24/1984	Buras et al.	
		US- 6,367,551	04/09/2002	Fenton	
		US- 5,884,706	03/23/1999	Edwards	
		US- 5,996,697	12/07/1999	Vick et al.	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		GB 2 320 937 A	07/08/1998	ABB Vetco Gray		
		GB 2 319 544 A	05/27/1998	ABB Vetco Gray		
		GB 2 166 775 A	05/14/1986	ABB Vetco Gray		

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